

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-39. (Canceled)

40. (Previously Presented) A catheter, comprising:

a hollow catheter body proximal member defining a distal region;

a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;

a bond at the overlapping region securing the proximal member to the distal member; and

a steering center support located within at least the distal member and secured to at least one of the proximal member and the distal member.

41. (Original) A catheter as claimed in claim 40, wherein the bond comprises a thermal bond.

42. (Original) A catheter as claimed in claim 40, wherein the proximal member includes a side wall having an aperture formed therein.

43. (Previously Presented) A catheter, comprising:
a hollow catheter body proximal member defining a distal region and including a side wall having an aperture formed therein;
a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;
a bond at the overlapping region securing the proximal member to the distal member;
at least one internal component located within at least the distal member;
and
adhesive material connecting the proximal member to the at least one internal component, at least a portion of the adhesive material being in the vicinity of the side wall aperture.

44. (Previously Presented) A catheter as claimed in claim 40, further comprising:
a guide coil.

45. (Canceled)

46. (Previously Presented) A catheter, comprising:
a hollow catheter body proximal member defining a distal region;
a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;
a bond at the overlapping region securing the proximal member to the distal member; and

a steering center support and a sleeve covering at least a portion of the steering center support located within at least the distal member.

47. (Previously Presented) A catheter as claimed in claim 40, wherein adhesive extends around the periphery of the steering center support.

48. (Original) A catheter as claimed in claim 40, wherein the distal member includes at least one energy transmission element.

49. (Previously Presented) A catheter as claimed in claim 48, wherein the at least one energy transmission element comprises a tip energy transmission element, and the steering center support is connected to the tip energy transmission element.

50-59. (Canceled)

60. (Previously Presented) A catheter, comprising:
a hollow catheter body including
a proximal member defining an inner diameter, an outer diameter, and a distal region, and including a side wall having an aperture formed therein, and
a distal member defining an inner diameter that is substantially the same as the proximal member inner diameter, an outer diameter that is substantially the same as the proximal member outer diameter, and a proximal region,
one of the proximal member distal region and the distal member proximal region including a small portion that overlaps the other of the proximal member distal region and the distal member proximal region, thereby defining an overlapping region;
a bond at the overlapping region securing the proximal member to the distal member; and
at least one internal component located within at least the distal member.

61. (Previously Presented) A catheter as claimed in claim 60, wherein the bond comprises a thermal bond.

62. (Canceled)

63. (Previously Presented) A catheter as claimed in claim 61, further comprising:

adhesive material connecting the proximal member to the at least one internal component, at least a portion of the adhesive material being in the vicinity of the side wall aperture.

64. (Previously Presented) A catheter as claimed in claim 60, wherein the at least one internal component comprises a guide coil.

65. (Previously Presented) A catheter, comprising:

a hollow catheter body including

a proximal member defining an inner diameter, an outer diameter, and a distal region, and

a distal member defining an inner diameter that is substantially the same as the proximal member inner diameter, an outer diameter that is substantially the same as the proximal member outer diameter, and a proximal region,

one of the proximal member distal region and the distal member proximal region including a small portion that overlaps the other of the proximal member distal region and the distal member proximal region, thereby defining an overlapping region;

a bond at the overlapping region securing the proximal member to the distal member;

a steering center support located within at least the distal member; and

a steering wire having a distal end secured within the distal member.

66. (Previously Presented) A catheter, comprising:
a hollow catheter body including
a proximal member defining an inner diameter, an outer diameter,
and a distal region, and
a distal member defining an inner diameter that is substantially the
same as the proximal member inner diameter, an outer diameter that is substantially
the same as the proximal member outer diameter, and a proximal region,
one of the proximal member distal region and the distal member
proximal region including a small portion that overlaps the other of the proximal member
distal region and the distal member proximal region, thereby defining an overlapping
region;
a bond at the overlapping region securing the proximal member to the
distal member;
a steering center support located within at least the distal member; and
a sleeve covering at least a portion of the steering center support.

67. (Previously Presented) A catheter, comprising:
a hollow catheter body including
a proximal member defining an inner diameter, an outer diameter,
and a distal region, and
a distal member defining an inner diameter that is substantially the
same as the proximal member inner diameter, an outer diameter that is substantially
the same as the proximal member outer diameter, and a proximal region,
one of the proximal member distal region and the distal member
proximal region including a small portion that overlaps the other of the proximal member
distal region and the distal member proximal region, thereby defining an overlapping
region;
a bond at the overlapping region securing the proximal member to the
distal member;

at least one internal component located within at least the distal member;
and
adhesive extending around the periphery of the internal component.

68. (Previously Presented) A catheter as claimed in claim 60, wherein the distal member includes at least one energy transmission element.

69. (Previously Presented) A catheter as claimed in claim 68, wherein the at least one energy transmission element comprises a tip energy transmission element, and the at least one internal component is connected to the tip energy transmission element.

70-73. (Canceled)